

Form 9-331  
(May 1963)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)Form approved.  
Budget Bureau No. 42-11424.

5. LEASE DESIGNATION AND SERIAL NO.

14-20-0603-1402

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Blanco Wash

9. WELL NO.

5

10. FIELD AND POOL OR WILD

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

Sec. 1, T24N, R9W

12. COUNTY OR PARISH

San Juan

13. STATE

NM

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

Dugan Production Corp.

3. ADDRESS OF OPERATOR

Box 234, Farmington, NM 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*

See also space 17 below.)  
At surface

1550' FSL - 1190' FWL

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

6695' GR

16.

## Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data.

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON\* ☐CHANGE PLANS ☐

## SUBSEQUENT REPORT

WATER SHUT-OFF ☐FRACTURE TREATMENT ☒SHOOTING OR ACIDIZING ☐(Other) ☐(Note: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

4-10-78

POH. Wellex ran Gamma Ray correlation and collar logs. Perforated 6339-6344 w/10 deep penetrating charges. SWF by Wellex (Apollo gel frac) used 21,000# 20-40 sand, 11,928 gals to treat, 2982 gals pad and 4242 gals to flush. Total water used 19,152 gals (treated w/1% KCl and 15 gals. aquaflo w/11,928 gals treated w/ Apollo gel). Minimum treating pressure 3000 psi, maximum treating pressure 4000 psi, Ave. treating pressure 3900 psi. Average IR 9 B/M ISDP 3000 psi 15 min closed in pressure 2300 psi.

4-14-78

POH. Wellex set HOWCO "Speed E Line" bridge plug @ 6300', and perforated w/1 super dyna jet per foot 6230-6240', 6210-6220', 6190-6200', 5826-5836', 5512-5522', 5440-5450', 5414-5424', 5360-5370', 5258-5268'.

(CONT'D ON BACK)

18. I hereby certify that the foregoing is true and correct

SIGNED

Thomas A. Dugan

TITLE

Petroleum Engineer

DATE

5-5-78

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

4-15-78

Picked up Baker retrievable bridge plug and Baker retrievable packer. Trip in hole and set bridge plug @ 6266' and packer @ 6136'. Treated perfs 6230-40', 6210-20', 6190-6200' with 525 gals 15% HCl reg acid. ITP 3800 psi. Max TP 4000 psi Ave 3600 psi @ 2 B/M. Dropped 30 ball sealers in acid - no ball action - no pressure decrease when acid on formation. Moved bridge plug to 5940' and packer to 5779'. treated perfs 5826-36' with 335 gals 15% HCl reg acid. Min TP 2000 psi, Maximum 3300 psi, Average 2900 psi @ 2.5B/M. Dropped 8 ball sealers in acid - good ball action. ISDP 2100 psi 3 min stg. pressure 2000 psi. Moved bridge plug to 5584' and packer to 5487'. Treated perfs 5512-22' w/300 gals 15% HCl reg acid. Min TP 1600 psi, Max 3500 psi Ave. 2900 psi @ 3 B/M. Dropped 8 ball sealers in acid. Good ball action. ISDP 400 psi 3 min stdg pressure 400 psi. Moved bridge plug to 5486' and packer to 5390'. Treated perfs 5414-5424 & 5440-5450 w/250 gals 15% HCl reg acid. Min TP 1000 psi, Maximum 3900 psi, Average 3700 psi @ 3 B/M. Dropped 18 ball sealers in acid - good ball action. ISDP 1100 psi 2 min stdg press 900 psi. Moved bridge plug to 5389' and packer to 5326'. Treated perfs 5360-70' w/230 gals 15% HCl reg. acid. Min treating pressure 1600 psi, Maximum 2100 psi, Ave. 1900 psi @ 3 B/M. Dropped 8 ball sealers - good ball action. Attempted to move bridge plug unable to set plug. Set packer @ 5326' and treated perfs 5258-5268' down tbq csg annulus with 210 gals 15% HCl reg acid. Min. TP 300 psi, Max 2900 psi Ave 2200 psi @ 3.5 B/M ISDP 1100 psi 3 min stdg press 850 psi.

4-17-78

Pulled tbq packer and bridge plug. Western Co SWF well with 67,000# 20-40 sand and 4200 gal pad, 66,780 gals to Frac & 5292 gals to flush (total water used 76,692 gals). Frac water treated with 76 gals aquaflo and 200 lbs FR-2 friction reducer. Minimum treating press 2000 psi, Maximum 4100 psi, Average TP 2800 psi. Dropped 25 ball sealers - first set 20 - pressure increased from 2850 to 3200 psi. Next set of five pressure increased to 4100' @ 5 B/M. Started flush press broke to 3700 started sand back. Overall Ave. IR 22 B/M. ISDP 1100 psi 15 min stdg. pressure 800 psi. Shut well in overnight.

4-19-78

Finished coming out of hole. Re-ran tbq w/seating nipple, perforated nipple, mud anchor and bull plug. Tagged sand @ 6246'. Landed donut. Tbg set @ 6181' RKB w/seating nipple @ 6142'. Rigged down BOP. Installed master valve and shut well in. Rigged down Bedford Inc. pulling unit.

General and In State law a local area Item 4: State or Fed Item 17 In addition, fluid content above plugs conditioned

THOMAS A. BROWN (This space for Federal or State office use)

APPROVED BY CONDITIONS OF APPROVAL IN WYOMING